Sorting Summary

	Average	Worst Case
Bubble	$O(n^2)$	$O(n^2)$
Selection	$O(n^2)$	$O(n^2)$
Insertion	$O(n^2)$	$O(n^2)$
Quicksort	$O(n \times \log n)$	$O(n^2)$
Mergesort	$O(n \times \log n)$	$O(n \times \log n)$

- Quicksort (or variations) are commonly used everywhere, because the worst case is avoidable
- Although it has a poor complexity, insertion sort is fast for very small data sets (small n)
- Mergesort is fastest for serially-accessible data